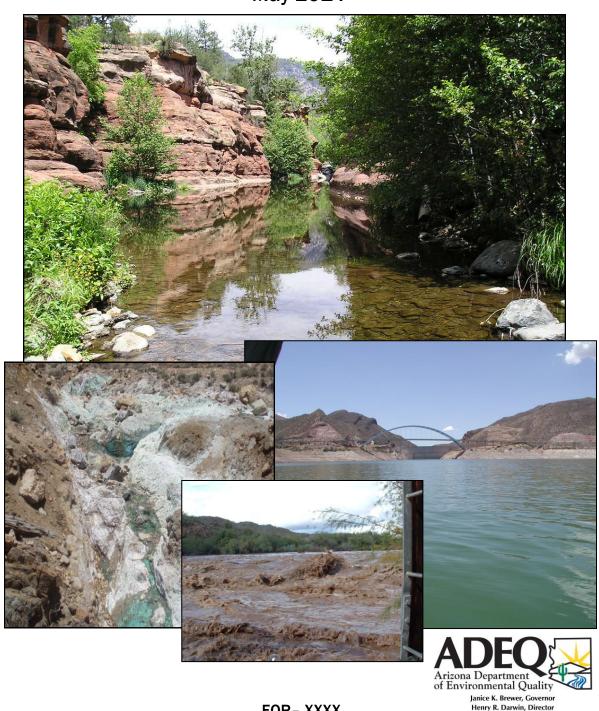
2012/14 Status of Water Quality Arizona's Integrated 305(b) Assessment and 303(d) Listing Report

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2012/14 Status of Water Quality in Arizona Arizona's Integrated 305(b) Assessment and 303(d) Listing Report

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CHAPTER I

INTRODUCTION AND PURPOSE

Every two years, the Arizona Department of Environmental Quality (ADEQ) is required by the federal Clean Water Act to conduct a comprehensive analysis of water quality data associated with Arizona's surface waters to determine whether surface water quality standards are being attained and designated uses are being supported. This integrated surface water assessment and impaired waters listing report (2012/14 Integrated Assessment Report) serves three functions.

- Nationally, it fulfills a reporting requirement of the Clean Water Act, and is submitted to the Environmental Protection Agency (EPA), and used to report on national water quality issues and concerns.
- For ADEQ, it provides a mandate to compile environmental data and information from ADEQ's
 surface water quality monitoring and protection programs, as well as from other agencies,
 organizations, and individuals. This comprehensive evaluation of quality of water in Arizona is
 used to set priorities, allocate resources, and make decisions about land use activities,
 discharges to the water, future monitoring, and program initiatives.
- For the public, it provides an opportunity to learn about and comment on the status of water quality in the state.

Surface Water Assessment Methods and Technical Support

ADEQ has created a separate assessment methods document. It is assumed that the reader will obtain and reference this technical support document when using the information in this assessment.

The Assessment Methods and Technical Support document provides a description of the assessment process and specific assessment and impaired water listing criteria. It also provides information about the monitoring data and information used in this assessment and Arizona's credible data requirements.

Report Overview

Chapter I – Introduction and Purpose

Chapter II – Assessments of individual surface waters, organized by watershed

Chapter III – Summary Information

Chapter IV – Action Plan

Appendix A - Alphabetical List of Waters Included in the Assessment

Appendix B – Waters Grouped by Assessment Category

Appendix C – Impaired Waters List
Appendix D – Critical Conditions
Appendix E – Delisting Impairments

Appendix F – Water Quality Improvements

Although an attempt was made to avoid technical jargon and unnecessary abbreviations, this is a technical report. Acronyms and terms used in the assessment report are defined in the Assessment Methods and Technical Support document.

CHAPTER II WATER QUALITY ASSESSMENTS BY WATERSHED

Assessment summaries are reported alphabetically by individual assessment units (stream reaches and lakes) in this chapter and grouped by the 10 watersheds, as illustrated on the following map: Bill Williams Watershed, Colorado / Grand Canyon Watershed, Colorado / Lower Gila Watershed, Little Colorado/San Juan Watershed, Middle Gila Watershed, Salt Watershed, San Pedro Watershed, Santa Cruz Watershed, Upper Gila Watershed, and Verde Watershed. If the reader is uncertain about which watershed to look in for assessment information, an alphabetical listing of surface waters assessed is provided in Appendix A.

Assessment Information

A summary page is provided for each assessed waterbody indicating:

- Designated use support and an overall assessment
- Impairment status and pollutant causing impairment (if applicable)
- · Monitoring data used in the assessment
- List of Exceedances
- Data gaps and monitoring priorities.

Page 3 of this chapter provides an example summary page with information on "How to Read" the individual waterbody assessment pages.

The reader should refer to the Surface water Assessment Methods and Technical Support document for information concerning the assessment process, determining exceedances, assessment criteria, assessment categories, and monitoring prioritization criteria.

Watershed Information

General background information and maps are provided for each watershed to provide some context for the assessments. One map (or a series of maps) shows the assessed surface waters.

